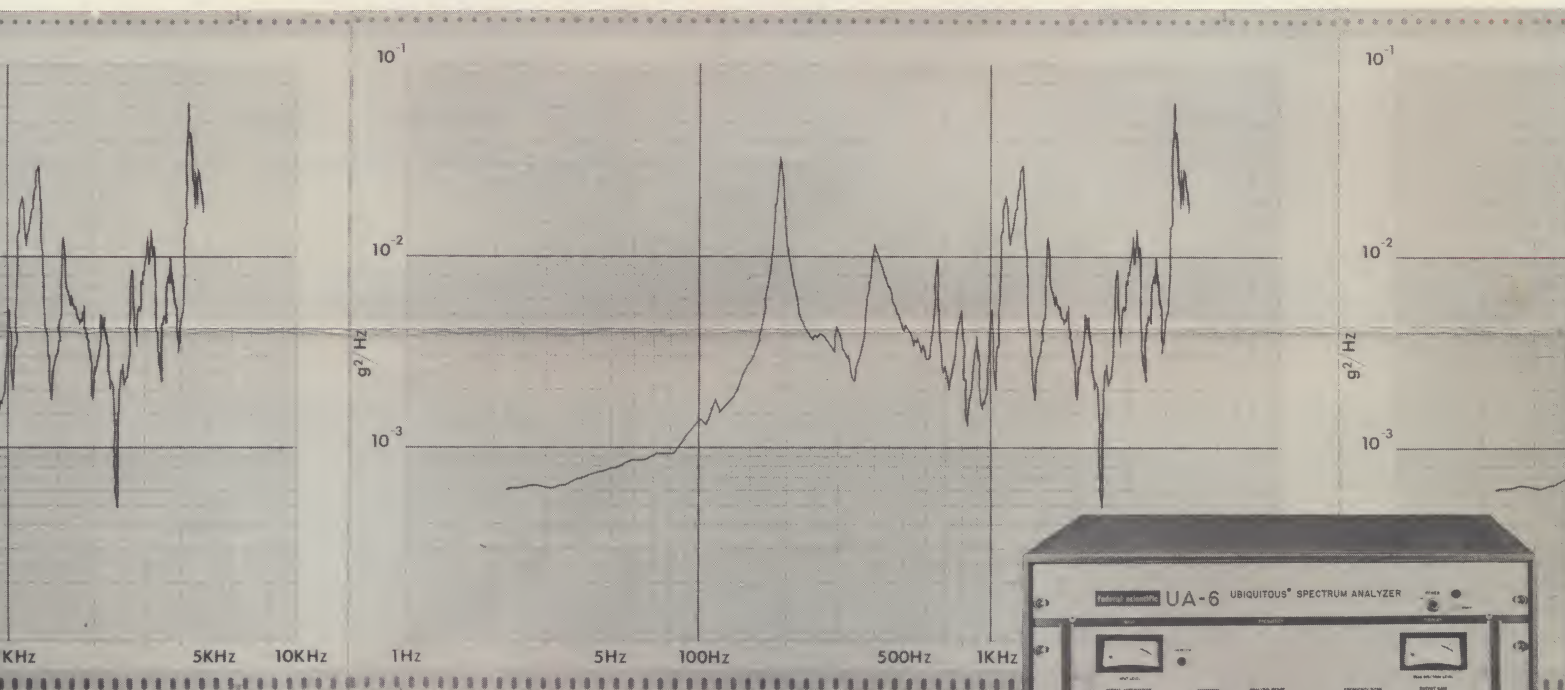


Hands off!

This real-time Power Spectral Density System analyzes and plots automatically.



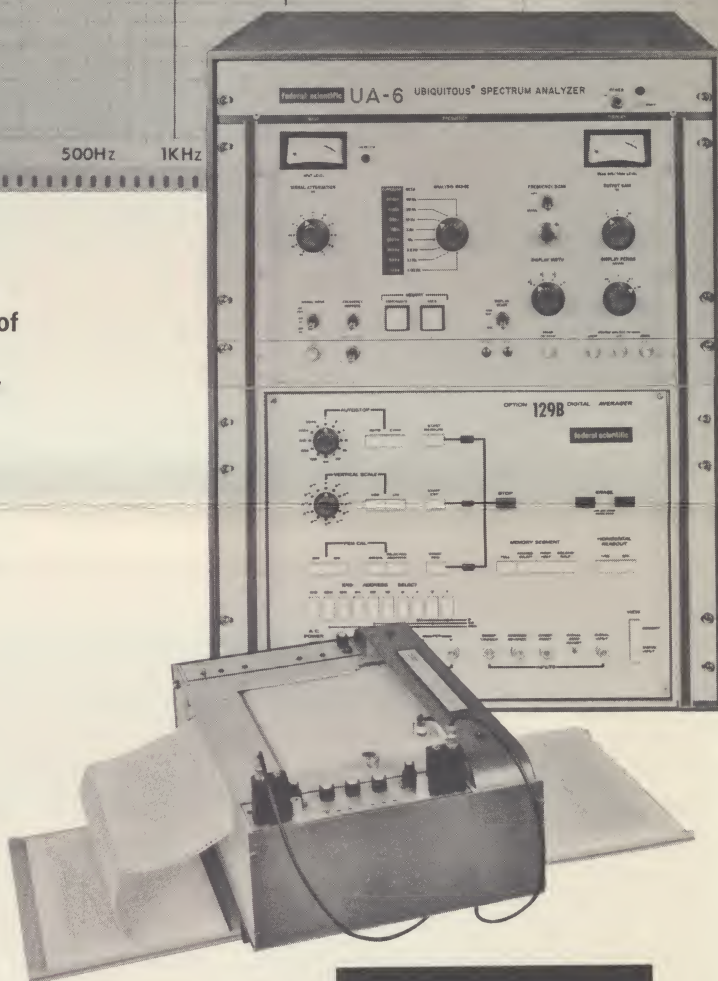
The PSD-6/AU is the first and only fully automatic real-time system for fast and inexpensive analysis of vast quantities of noise, vibration, and other low frequency data. Once the system is started, an operator is unnecessary . . . the only operating cost is paper. Setup is simple, repeatable, and rapid, using built-in calibration aids.

- AUTOMATIC analysis with high statistical quality in seconds; bandwidths selectable from 0.02 Hz to 40 Hz providing 500 frequency points in bands of 10Hz to 20,000 Hz . . . or in $\frac{1}{3}$ octaves (optional)

- AUTOMATIC, accurate plotting in log or linear coordinates with automatic pen lift and chart change

- AUTOMATIC start and stop of input tape recorders . . . no tape loops

The Model PSD-6/AU is a new automatic Power Spectral Density System for analyzing enormous amounts of data and deriving the mean spectral characteristics in real time, either on-line or from previously recorded tape. Years of PSD plotting can be performed in days. The System, which is essentially digital, is designed around the proven Ubiquitous® Spectrum Analyzer. Over 50 Ubiquitous® Analyzers are now in use throughout the free world. The System requires no operator; it cycles automatically, and plots on continuous rolls of chart paper. Options include input range translation to 1 mHz, engine order normalization, and IBM compatible digital recording. The system is expandable *at any time* to include real-time correlation and/or complex cross-PSD analysis. Write for Technical Bulletin 681.



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¿
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Which real-time
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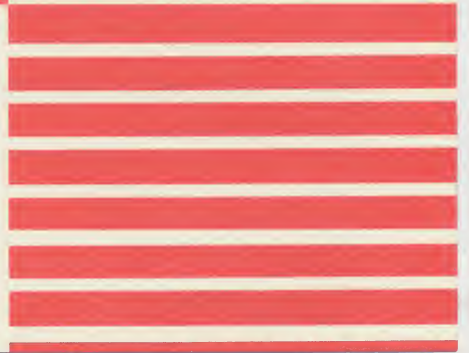
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| ☐ Speech Analyzer UA-7/28 | ☐ 100 μ sec transient Analyzer UA-11 |
| ☐ Shock Analyzer UA-7/37 | ☐ Correlation Analyzer UCA-6 |
| ☐ Digital Input Analyzer UA-7/51 | ☐ Cross-PSD Processor with UPS-6 |
| ☐ Percent BW Analyzer UA-7/64A | ☐ Multi-Channel Analysis |

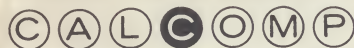
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